LISTING OF THE CLAIMS:

1. (Currently Amended) A system for determining and displaying icons representing text files, comprising:

a content extractor for determining the content of all or parts of a text file by examining words in the file;

a means for associating the ~~content~~ examined words with an icon;

a selector for selecting an icon to represent the text file or portion of a file on the basis of the ~~determined content~~ examined words of the text file; and

a display for displaying the selected icons to represent the text file.

2. (Original) A system according to Claim 1, wherein the selector includes means for selecting the closest one of a group of available icons to represent the text file.

3. (Original) A system according to Claim 1, wherein the content extractor includes means for determining several topic icons for the text file.

4. (Original) A system according to Claim 3, wherein the topic icons form a composite icon associated with a different parts of the text file.

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5. (Original) A system according to Claim 3, wherein the several icons are sensed by different senses.

6. (Original) A system according to Claim 1, wherein the icons facilitate use of a computer by people with various disabilities.

7. (Currently Amended) A system for representing contents of computer files via icons, the system comprising:

a computer memory including a group of directories with lists of files;

a semantic content extractor for extracting information and content from an examination of words in the files; and

a module for creating icons representing the files on the basis of the information and content extracted by the semantic content extractor.

8. (Original) A system according to Claim 7, wherein the semantic content extractor includes:

a module that associates with a text file a language model, and word, key words and key phrases counts;

a topic identifier that uses the language model and counts to identify a topic; and

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a module that partitions a text in a file by topic count.

9. (Original) A system according to Claim 8, wherein the topic identifier uses likelihood ratio to partition texts in parts by topics; likelihood in this ratio are defined by using probabilities of words from language models of the text in a file and language models for various topics that are stored in the database.

10. (Withdrawn) A method for creating a composite icon to allow greater access to computer files, comprising the steps of:

using a file topic identification to perform segmentation and topic classification; and

using a file topic divider to divide the files into parts using segmentation and topic classification from the file topic identification.

11. (Currently Amended) An icon creator for creating an icon representing a file, comprising:

a semantic content extractor for identifying the importance and significance of topics associated with the file based on an examination of words in the file; and

a matcher to create a match of data and images to create an icon using a database of images and a database of icons; and

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wherein each icon has an index attachment, which opens directly to the file.

12. (Original) An icon creator according to Claim 11, wherein a blind person can use a sound icon using the database of sound icons; this would enable the blind user to use their sense of hearing to choose the file they wish to open.

13. (Original) An icon creator according to Claim 11, further comprising means to allow a person with a reading disability to use the icon system, including a group of files that are formed into an icon attachment; the user then chooses an icon, using the pictures or sounds and the user can then use a speech synthesizer can listen to a file.

14. (Currently Amended) ~~An icon creator according to Claim 11~~ An icon creator for creating an icon representing a file, said file including a larger part showing cars, a smaller part showing travel, and a middle sized part showing dealerships, the icon creator comprising:

a semantic content extractor for identifying the importance and significance of topics associated with the file based on an examination of words in the file;

a matcher to create a match of data and images to create composite icons using a database of images and a database of icons; wherein said composite icons contain multiple topics ~~such as~~ including cars and travel, and dealerships; and ~~the larger part of the file shows cars, the smaller part of the file shows travel; the middle sized part of the file shows dealerships; and~~

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~~further comprising~~ means to contain an index which lists information on cars or building, means to show were the information on cars is placed in the file; and wherein, using a fraction method, the files can be broken down;

wherein each icon has an index attachment, which opens directly to the file.

15. (Currently Amended) A method for creating icons, comprising:

generating a list of files;

reading the word content of each file;

attaching topics to each file based on the read word content;

generating icons for the files based on said topics;

if several topics, creating a composite icon containing many topics;

creating an index of topics;

printing a list of icons near file names; and

creating a list of icons to list files.

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16. (Currently Amended) A method of determining and displaying icons representing files containing text, the method comprising the steps of:

determining the content of a file by examining words in the file;

searching a database of icons;

on the basis of the ~~determined content~~ examined words of the file, selecting one of the icons in the database to represent the file; and

displaying the selected icon to represent the file.

17. (Original) A method according to Claim 16, wherein in the database, each icon is associated with words, and wherein:

the determining step includes the sep of using a semantic content extractor to identify the importance and significance of topics associated with the file; and

the selecting step includes the step of comparing said topics with the words in the database to select one of the icons to represent the file.

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18. (Currently Amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for determining and displaying icons representing files containing text, said method steps comprising:

determining the content of a file by examining words in the file;

searching a database of icons;

on the basis of the ~~determined content~~ examined words of the file, selecting one of the icons in the database to represent the file; and

displaying the selected icon to represent the file.

19. (Original) A program storage device according to Claim 18, wherein in the database, each icon is associated with words, and wherein:

the determining step includes the sep of using a semantic content extractor to identify the importance and significance of topics associated with the file; and

the selecting step includes the step of comparing said topics with the words in the database to select one of the icons to represent the file.

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20. (Currently Amended) The system in claim 1, where the icons contain advertisements, which may be hyperlinks.

21. (Currently Amended) The system in claim 20 where users pay less for the system if ads advertisements are included.

22. (Currently Amended) The system in claim 20 where an advertiser pays a manufacturer or seller of system for including said advertisements in the icons.

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